TREPPO, L. ; GARCNIK, D.

Second International Congress on Prestressed Concrete in Amsterdam, 1955. p. 44. (Gradbeni vestnik, Vol. 8, No. 43/44, 1956/57, Ljubljana, Yugslovia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No, 8, Aug 1957. Uncl.

TREPSYS, S.; vyr.gydytojas

Five year anniversary and the future development of the Vilnius Clinical Hospital. Sveik. apsaug. 9 no. 2:34-38 F'64.

*

ACCESSION NR: AP4043444

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756520015-9"

HECHT, K.; TREPTOW, K.

On the locking mechanism of the conditioned motor escape in the rat. Acta physiol. acad. sci. Hung. 26 no.1:105-106 '65

1. Institute for Cortico-Visceral Pathology and Therapy, German Academy of Sciences, Berlin-Buch, GDR.

HECHT, K.; CHOINOWSKI, S.; SOLLE, M.; TREPTOW, Kl.

Role of the individual excitability of the central nervous system in the effect of pharmacological preparations acting upon the central nervous system. Acta Physiol. Acad. Sci. Hung. 20 no.2:119-134 '61.

1. Institut fur Kortiko-viszerale Pathologie und Therapie der Deutschen Akademie der Wissenschaften, Berlin-Buch.

(REFLEX CONDITIONED pharmacol)
(CENTRAL NERVOUS SYSTEM pharmacol)

HECHT, K.; TREPTOW, Kl.

On the problem of the "type" of higher nervous activity in albino rats. Acta Physiol. Acad. Sci. Hung. 20 no.2:103-117 '61.

1. Institut fur Kortiko-viszerale Pathologie und Therapie der Deutschen Akademie der Wissenschaften, Berlin-Buch.

(CENTRAL NERVOUS SYSTEM physiol) (ALBINISM)

HECHT, K. (Berlin-Buch, Wiltbergstrasse 50); CHOINOWSKI, S. (Berlin-Buch, Wiltbergstrasse 50); SOLLE, M. (Berlin-Buch, Wiltbergstrasse 50); TREPTOW, Kl. (Berlin-Buch, Wiltbergstrasse 50)

Significance of the individual stimulability of ZNS for the centrally effective pharmaceutical products. Acta physiol Hung 20 no.2:135-139 '61.

1. Institute fur Kortiko-Viszerale Pathologie und Therapie der Deutschen Akademie der Wissenschaften.

CZECHOSLOVAKIA / EAST GERMANY

TREPTOW, K.; German Academy of Sciences, Berlin, Institute of Cortico-Visceral Pathology and Therapy. [Orig. version not given].

"Dynamics of Glycemic Reactions After Repeated Exposure to Noise."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, pp 215-216

Abstract: Influence of a noise level of 80-87 db was investigated in a litter of dogs. The stimuli were applied for 5 or 10 minutes. The effect changes with repetition of the exposure. Typical reaction consisted of 4 phases: rise in glycemic level, temporary regression of the effect, summation of excitation of cortical origin, conditioning to the noise. Behavior of individual dogs differed slightly from case to case. 1 Figure, no references. Submitted at the 4th Conf. of Exper. and Clin. Study of Higher Nerv. Functions at Mar. Lazne, 12-15 Oct 65. Article is in English.

1/1

L 45472-66

ACC NR: AT6033353 SOURCE CODE: HU/2505/65/026/01-/0105/0106

19
BH

AUTHOR: Hecht, K.; Treptow, K.

ORG: Institute of Cortico-Visceral Pathology and Therapy, DAW, Berlin-Buch

TITLE: Locking mechanism of the conditioned motor escape reflex in the rat [Paper presented at the symposium of the Hungarian Physiological Society held in Budapest from 2-3 July 1963]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 1-2, 1965, 105-106

TOPIC TAGS: rat, conditioned reflex, behavior pattern

ABSTRACT: After it has become fixed, the conditioned escape reflex in the rat is not extinguishable under normal conditions. The fixation is accelerated by the application of a series of conditioned stimulations immediately following elaboration of the reflex. The conditions and results of various methods of elaboration, reinforcement and stimulation are summarized. The opinions voiced by Knoll concerning the active focus of the conditioned reflex which can not be extinguished is compatible with the observations described in the summary. The importance of the problem in sports physiology is discussed in the original article. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

fv

Card 1/1

0220 1375

MACASEK, F., promovany chemik; TRESA, Fr., inz.; MIKULAJ, Vl. promovany chemik; KOPUNEC, R., promovany radiochemik

Use of radioactive isotopes for water indication in the examination of bottom water flow. Vodohosp cas 12 no. 1: 122-133 '64.

1. Chair of Inorganic and Physical Chemistry, Faculty of Natural Sciences, Comenius University, Bratislava; Chair of Basic Construction, Geology and Dams, Faculty of Construction Engineering, Slovak Higher School of Technology, Bratislava.

TRESBYATSKIY, NIKOLAY

RYAZANKIN, Vladimir Nikolayevich; YEVSTIGNEYEV, German Pavlovich; TRESBYATSKIY, Nikolay Nikolayevich [deceased]; DOBROGURSKIY, S.O., professor, doktor tekhnicheskikh nauk, redaktor; DOSTUPOV, B.G., kandidat tekhnicheskikh nauk, retsenzent; DOBROSMYSLOV, V.I. inzhener, retsenzent; POLYAKOV, G.F., redaktor izdatel'stva; SOKOLOVA, T.F., tekhnicheskiy redaktor

[Calculating machines] Vychislitel'nye mashiny. Pod red. S.O. Dobrogurskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, Pt. 1. [Calculating machines with keys] Vychislitel'nye klavishnye mashiny. 1957. 251 p. (MLRA 10:5)

(Calculating machines)

Distr: 4E2c(j)

2 May

Ethylamines from acetaldehyde, hydrogen, and ammonia in presence of a new dehydrating-hydrogenating catalyst. 7
E. Trzeszczanowska, I. Jaworska, and W. Kozłowski.

Przemysł Chem. 34, 36-9(1955) (English summary).—Two catalysts were compared: Ni-Cr_2O_3 on pumice (I) (Ni 7.9%, Cr_2O_3 2.1%, pumice 90.0%) and Ni-Al_2O_3 (II) (Ni 49%, Al_2O_3 51%), both on a semitech. scale. I had strong hydrogenating, and weak dehydrating properties; II had strong hydrogenating and dehydrating properties. The reaction chamber in the app. (described in detail) consisted of an oval iron pipe in an Al block (inside length 1000 mm., diams. 350 and 35 mm.) filled with 5 l. catalyst. The temp. during the reaction was 134–45° at the bottom, 152–62° in the middle, and 163–75° at the top. The amts. of gases were (l./hr.): H 400, AcH 400, NH_3 200, circulating gases 4000. The contact time with the catalyst was 2.4 sec. The compn. of gases was (% on wt.) (NH_3, $EtNH_2$, Et_2NH, Et_3N, H_2O, AcH, EtOH). I catalyst (first day): 0.8, 16.9, 22.9, 20.6, 33.3, 0.5, 5.0; (10th day) 0.4, 16.3, 28.8, 15.4, 39.1, —, —. II catalyst (first day): 0.15, 7.4, 28.6, 23.3, —, —, —; (end of month) 5.1, 19.0, 35.1, 10.4, 25.6, 0.1, 4.7.

L. G. Manitius

BS 1/1

TREOZANOWICZ, H.

Estimation of the activity of magnesium oxide-silicon dioxide catalysts for the synthesis of butadiene from ethyl alcohol. H. Leszczyńska, Zb. Leszczyński, and B. Treszczanowicz. *Przemysł Chem.* 34, 40-7(1955)(English summary). has been found that the activity of an $MgO-SiO_2$ catalyst in the synthesis of butadiene from EtOH can be measured by its activity in the peroxidation of indigocarmine. Two catalysts were compared: (*a*) of Polish origin (1953), and (*b*) prepd. in Eddington (1945) following a procedure previously applied in the Polish Chem. Research Institute. The activity of the 2 catalysts was similar but after regeneration at 700° catalyst (*a*) lost two thirds of its efficiency, while (*b*) lost only a half. Comparison of catalysts for the synthesis of butadiene from ethyl alcohol. *Ibid.* 47-54.—Comparison of the 2 above mentioned catalysts gave the following results (the catalyst, best temp., parts abs. EtOH used to produce 1 part butadiene, and % yield given): (*a*), 430-40°, 3.5, 48.0; (*b*), 440-50°, 3.9, 44.5. L. G. Mantsev

Zmay
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4

VINOGRADOV, G.P., kand.tekhn.nauk; TRESHCHALIN, I.M., kand.tekhn.nauk

Types and specifications of passenger cars of the near future.
Zhel.dor.transp. 42 no.9:52-56 S '60. (MIRA 13:9)
(Railroads--Passenger cars)

VINOGRADOV, G.P.; TRESHCHALIN, I.M.

Six-axle hopper cars of ninety-five ton capacity. Biul.tekh.-ekon. inform. no.6:69-70 '58. (MIRA 11:8)
(Railroads--Freight cars)

TRESHCHALOV, V.I.; LEPETOV, V.A.

Investigating the load on spiral elements exerted by inner contact pressure. Kauch.i rez. 21 no.3:25-30 Mr '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.
(Strains and stresses) (Hose--Testing)

TRESHCHALOV, V.I.; LEPETOV, V.A.

Balanced location of the elements of force in a carcass of a pressure hose. Kauch. i rez. 23 no.4:22-26 Ap'64 (MIRA 17:7)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

TRESHCHALOV, V.I.; LEPETOV, V.A.

Design and application of hose as hollow elastic packing.
Kauch. i rez. 24 no.11:29-33 '65. (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

TRESHCHANSKIY, M.Ye.; ZLOBIN, B.D.

Semiautomatic machine for the edge knurling of scraper-conveyer pins. Kuz.-shtam. proizv. 3 no.8:44-45 Ag '61. (MIRA 14:8)
(Forging machinery)

TRESHCHENKOV, N.A.; MIRENSKIY, Yu.M.

Control of roll grooves by heating with gas burners. Metallurg 8 no.8:28-29 Ag '63. (MIRA 16:10)

1. Zavod "Zaporozhstal'".

TRESHCHETKIN, N.

Good progress in work. Mest.prom. i khud.promys. 2 no.9:4 S '61.
(MIRA 14:11)

1. Sekretar' partorganizatsii Bol'she-Murashkinskoy fabriki mekhovykh izdeliy, Bol'she-Murashkinskiy rayon, Gor'kovskoy oblasti.

(Gorkiy Province—Fur industry)

TRESHCHETENKOV, ~~M.~~ N., Cand. Geol-Mineral. Sci. (diss) "Geological Evaluation of Prospects for Oil of Aldanskiy Layer of Lower Cambrian of Southern Irkutsk Ampitheater," Moscow, 1961, 18 pp (Moscow Instit. of Petroleum Chemistry and Gas Indus.) 200 copies (KL Supp 12-61, 260).

TRESHCHETENKOV, M.N.

Formation of the Moty series in the southern part of the Siberian Platform. Izv.vys.ucheb.zav.;geol.i razv. 2 no.5: 10-24 My '59. (MIRA 12:12)

1. Irkutskiy gosudarstvennyy universitet.
(Siberian Platform--Geology)

TRESHCHETKIN, N.

With better health the work is more productive. Prom.koop. 14 no.8:35 Ag '60. (MIRA 13:8)

1. Zamestitel' predsedatelya pravleniya arteli, selo Bol'shoye Murashkino, Gor'kovskoy oblasti.
(Industrial hygiene)

TRESHCHEV, A., master sporta

Training plus techniques. Pozh.delo 7 no.7:20-21 Jl '61.
(MIRA 16:11)

TRESHCHEV, A.I.

Some results and problems of technical investigations related to ocean fisheries. Trudy sov. Ikht. kom. no.10:210-218 '60.
(MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii-(VNIRO).
(Fishing--Implements and applainces)

TRESHCHEV, A.I.

"The methods of catching fish used in the USSR."

Report presented at the FAO Seminar and Study Tour for Fishery Administrators, from the Indo-Pacific and Mediterranean Regions, Moscow 11Sep-14 Oct 1961.

TRESHCHEV, G.G., kand.tekhn.nauk

Pulsations of a steam and water flow in a heated pipe. Energomashinostroenie 10 no.3:4-7 Mr '64. (MIRA 17:4)

TRESHCHEV, A.I., kand.tekhn.nauk

Some results of the scientific research on the improvement of fishing technology. Trudy VNIRO no.47:7-27 '62.

Results of the experimental studies on the selectivity of trawls for cod fishing in the North Atlantic. Ibid.:31-45

(MIRA 18:4)

TRESHCHEV, I.I. (Leningrad)

Equations and choice of an optimum coordinate system for nonsymmetrical operating modes and machines. Izv. AN SSSR. Otd. tekh. nauk. Energ. i transp no.1:48-52 Ja-F '63. (MIRA 16:5)
(Electric machinery) (Electric networks)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756520015-9"

ALYAB'YEV, Mikhail Ivanovich; TRESHCHEV, I.I., doktor tekhn. nauk retsenzent; MEZIN, Ye.K., kand. tekhn. nauk, nauchn. red.; CHICHKANOVA, V.S., red.

[General theory of electric machinery on ships] Obshchaia teoriia sudovykh elektricheskikh mashin. Leningrad, Sudostroenie, 1965. 390 p. (MIRA 18:5)

TRESHCHEV, Ivan Il'ich; SUFRUN, G.F., doktor tekhn. nauk, retsenzent; SMIRNOV, V.A., kand. tekhn. nauk, nauchn. red.; ROZENGAUZ, N.M., red.

[Asymmetrical operating modes of a.c. machines of ships] Nesimmetrichnye rezhimy sudovykh mashin peremennogo toka. Leningrad, Sudostroenie, 1965. 247 p. (MIRA 18:5)

TRESHCHEV, I.I., kandidat tekhnicheskikh nauk (Leningrad)

A study of a.c. machines rotating at variable speeds. Elektrichestvo no.2:49-55 F '57. (MLRA 10:3)
(Electric motors, Alternating current)

TRESHCHEV, V.S.; MATYSHEV, A.A.

Course of spreading of hematomas following closed fractures of the pelvis. Vest. khir. no.10:59-64 '64. (MIRA 19:1)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (nachal'nik - prof. A.N. Maksimenkov) i kafedry sudebnoy meditsiny (nachal'nik - prof. I.F. Ogarkov) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

TRESHCHEVA, V.I.

Changes of the vitamin B_1, B_2 and PP content during the preparation and storage of fish meal. Izv.vys.ucheb.zav.; pishch.tekh. no.1: 62-65 '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.
(Fish meal) (Vitamins--Analysis)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756520015-9"

SLOVOKHOTOVA, T.A.; TUROVA-POLYAK, M.B.; GORON, I.I.; TRESHCHEVA, Ye.G.

Isomerization of polymethylene hydrocarbons under the influence of aluminum chloride. Part 21: Isomerization of cyclohexylcyclopentane. Zhur. ob. khim. 27 no.4:900-905 Ap '57. (MLRA 10:8)

1. Moskovskiy gosudarstvennyy universitet.
(Isomerization) (Cyclic compounds)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756520015-9"

AUTHOR: Treshchov, G.G. (Eng.)

630

TITLE: Experimental investigation of the mechanism of heat exchange during the surface boiling of water. (Eksperimental'noye issledovaniye mekhanizma teplo-obmena pri poverkhnostnom kipenii vody).

PERIODICAL: "Teploenergetika" (Thermal Power), Vol.4, No.5, May,1957, pp. 44-48 (U.S.S.R.)

ABSTRACT: Work that has already been done on heat exchange during the surface boiling of water shows that in these conditions the process of heat transfer is very intensive and the thermal loading may reach some millions of kilocalories/hour. However, the reasons for such high rates of heat transfer have not been discovered and so far there are no recommendations for calculations. The article describes work carried out at the All-Union Thermo-Technical Institute to elucidate the mechanism of heat exchange during the surface boiling of water. The heating element is a nickel plate of 6 x 30 mm heated by passage of current, the temperature being determined by the electrical resistance. The channel in which the water flowed was of 20 x 10 mm cross section and was fitted with a window of heat resistant glass through which the process of boiling was photographed in transmitted light by a cine-camera capable of operating at a speed of 15 000 frames a second. Tests were

Experimental investigation of the mechanism of heat exchange during the surface boiling of water. (Cont.)

carried out at thermal loads of from 10^6 to 5×10^6 kcal/m^2/hr at pressures of 1.2 to 3.7 atm with water temperatures of 50, 75 and 100°C and a rate of flow of 4 m/sec. Photographs of the process of bubble formation are shown. Although the conditions were constant the dimensions of the bubbles, the frequency of their formation and their rate of motion vary both with time and from point to point on the surface. Each of these magnitudes is characterised by a multiplicity of values. Curves are plotted for different distributions of bubble diameter and it is shown that this distribution follows a gamma function. The period of formation of bubbles (the time interval from the appearance of one bubble to the appearance of the next) also follows a gamma function. Micro-thermocouples were used to measure the temperature distribution in the liquid down to a distance of 60 microns from the heater surface and the results are presented in the form of a graph. Knowing the temperature distribution and proceeding from radial motion of the liquid around the bubble from the place where it is formed, an approximate calculation can be made of the heat transmitted from the liquid that meets the growing steam bubble. An equation for this value is formulated and solutions are obtained.

630

Experimental investigation of the mechanism of heat exchange during the surface boiling of water. (Cont.)

Finally, a dimensionless formula is derived that represents all the experiments carried out to within ± 10%. It is pointed out that this formula is not necessarily of general applicability as a universal dimensionless relationship for surface boiling. However, it may be useful for further investigation.
6 figures, 2 literature references. (American).

Card 3/3

24(8) PHASE I BOOK EXPLOITATION SOV/3459

Moscow. Vsesoyuznyy teplotekhnicheskiy institut

Teploobmen pri vysokikh teplovykh nagruzkakh i drugikh spetsial'nykh usloviyakh; sbornik statey (Heat Exchange Under High Thermal Loads and Other Special Conditions; Collection of Articles) Moscow, Gosenergoizdat, 1959. 135 p. 4,000 copies printed.

Ed. (Title page): A. A. Armand; Ed. (inside book): I. K. Korikovskiy; Tech. Ed.: G. I. Matveyev.

PURPOSE: The book is intended for personnel of scientific research institutes, planning and design organizations, and for power engineers.

COVERAGE: This collection of 9 articles presents the results of research conducted at the All-Union Heat Engineering Institute. Problems of heat exchange under high pressure and other special conditions are analyzed. Attention is devoted to special cases such as heat exchange from wall to water, including cases of ordinary and surface boiling; heat transfer to steam and water under supercritical parameters; heat exchange from pipe wall to gas under high pressure; and the hydraulic resistance of a heated tube. References are given at the end of each article.

AVAILABLE: Library of Congress (QC320.M68)

Card 3/3

BM/lab
5-4-60

VINOGRADOV, G.P.; KOGAN, L.A.; TRESHCHALIN, I.M.; SARANTSEV, Yu.S., red.; BOBROVA, Ye.N., tekhn.red.

[Selecting parameters and efficient designs for freight cars] Vybor parametrov i konstruktivnykh skhem gruzovykh vagonov. Moskva, Izd-vo poligr. ob"edinenie m-va soob., 1960. 190 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.189)
(Railroads--Freight cars)

VINOGRADOV, G.P., kand.tekhn.nauk; TRESHCHALIN, I.M.

Outlook for freight car parameters. Vest. TSNII MPS [17] no.3:3-7 My '58. (MIRA 11:6)

(Railroads--Freight cars)

TRESHCHALIN, I.M.

VINOGRADOV, G.P.; TRESHCHALIN, I.M.; PRAVDIN, Zh.L.

New fittings for passenger cars. Trudy TSNII MPS 45:4-97 '51. [Microfilm] (MLRA 7:10)

(Railroads--Passenger cars)

TRESHCHALIN, V.

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates. Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5310

Author: Nesvizhskiy, O. A., Treshchalin, V.

Institution: None

Title: Welded Shells for Rotary Furnaces

Original Publication: Tsement, 1956, No 3, 15-16

Abstract: Description of the technology of manufacture of welded shells for rotary furnaces, which have been put into production at the Pavshinskiy mechanical plant.

Card 1/1

NESVIZHSKIY, O.A., inzhener; TRESHCHALIN, V., tekhnik.

Welded rotary kiln shells. TSement 22 no.3:15-16 My-Je '56. (MLRA 9:8)

(Kilns, Rotary--Welding)

KAPLUN, D.M., inzhener; TRESHCHALIN, V.N.

Apparatus for welding the housing of rotary cement kilns. Vest.mash. 34 no.4:73-74 Ap '54. (MLRA 7:5)
(Kilns, Rotary) (Electric welding)

TRESHCHALIN, V.N., tekhnik; LIBERMAN, V.I., tekhnik; LAKSHIN, S.V.

Compressed air blending and conveying of charges for electrode coverings. Svar. proizv. no.8:25-26 Ag '62. (MIRA 15:11)

1. Pavshinskiy mekhanicheskiy zavod.
(Electrodes) (Pneumatic machinery)

TRESHCHALOV, V.I.; LEPETOV, V.A.

Design for strength of pressure hose reinforced with outer stiff elements. Kauch.i rez. 21 no.11:27-33 N '62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

(Hose)
(Strength of materials)

TRESHCHALOV, V.I.; LEPETOV, V.A.

Investigating the load of internal contact pressure and axial stress of a pressure hose carcass made of entwined spiral elements. Kauch.i rez. 21 no.4:26-30 Ap '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.
(Hose--Testing) (Strains and stresses) (Rubberized fabrics)

TRESHCHETENKOV, M.N.

Environmental conditions governing the deposition of sediments in the Lower Moty subseries in the southern part of the Siberian Platform. Trudy Irk. un. 14:147-156 '58. (MIRA 16:7)

(Siberian Platform—Geology, Stratigraphic)

TRESHCHEV, A.I.; LANDA, N.G., red.

[Selectivity in trawl fisheries] Izbiratel'nost' tralovogo rybolovstva. Moskva, Pishchevaia promyshlennost', 1964. 95 p. (MIRA 17:12)

LEVINA, R. Ya.; SHANAZAROV, K. S.; TRESHCHOVA, Ye. G.; KOSTIN, V. N.

Synthesis of hydrocarbons. Part 79: Synthesis of stereoisomeric 1,3-dimethyl-5-alkylbicyclo(0,1,3)hexanes and their Raman spectra. Zhur. ob. khim. 32 no.12:3935-3941 D '62. (MIRA 16:1)

1. Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova.

(Bicyclohexane—Spectra)

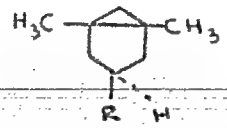
S/204/63/003/001/001/013
E075/E436

AUTHORS: Levina, R.Ya., Shanazarov, K.S., Treshchova, Ye.G.

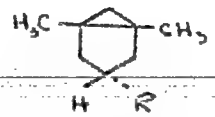
TITLE: The synthesis of 1,1,2-trimethyl-4-alkylcyclopentanes

PERIODICAL: Neftekhimiya, v.3, no.1, 1963, 3-9

TEXT: The cyclopentanes were synthetized to serve as models for the study of similar hydrocarbons in the kerosene fractions of crude oils. The starting materials were two steroisomers:



and

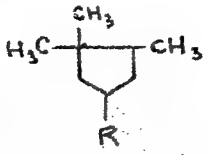


where R - CH_3, C_2H_5, iso - C_3H_7 and n - C_3H_7. These hydrocarbons were passed over 15% platinized carbon with the space velocity of 0.12 h^{-1} in the current of H_2 at temperatures exceeding by 5 to 10°C their boiling points. The product was a mixture of two stereoisomers

Card 1/2

S/204/63/003/001/001/013
E075/E436

The synthesis of ...



obtained in 87 to 91% yield after a single passage through the reactor. The isomers were not separated by various gas-chromatographic methods. The formation of the products took place with the rupture of the 3-membered ring, not at the bridge junction, but in the 1,2 position. Raman spectra of the synthetized hydrocarbons have lines of highest intensity in the region of 704 to 708 cm^{-1}, which may be used for the identification of the studied cyclopentanes in hydrocarbon mixtures. There are 1 figure and 1 table.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova (Moscow State University imeni M.V.Lomonosov)

SUBMITTED: September 22, 1962

Card 2/2

LEVINA, R.Ya.; GEMBITSKIY, P.A.; KOSTIN, V.N.; SHOSTAKOVSKIY, S.M.; TRESHCHOVA, Ye.G.

Cyclopropanes and cycloputanes. Part 28: p-Acetylphenylcyclopropane in the synthesis of para-substituted cyclopropylbenzenes. Zhur.ob.khim. 33 no.2:365-371 F '63. (MIRA 16:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Acetophenone) (Benzene derivatives)

TRESHCHENKO, I.P. (Moskva, Ul.Burdenko, d. 16, kv. 63)

Effect of novocaine on the metastatic development of Brown-Pearce tumor [with summary in English] Vop.onk. 2 no.4:414-416 '56. (MLRA 9:12)

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(PROCAINE, effects,
on exper. Brown-Pearce tumor metastatic develop. (Rus))
(NEOPLASMS, experimental,
Brown-Pearce carcinoma, eff. of procaine on metastatic develop. (Rus))

LEVINA, R.Ya.; SKVARCHENKO, V.R.; KATAYEVA, N.S.; TRESHCHENKO, Ye.G.

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1. Laboratoriya organicheskoy khimii im. akademika N.D.Zelinskogo Moskovskogo gosudarstvennogo universiteta.
(Phthalic anhydride) (Phosphorus pentoxide)

TRESHCHETENKOV, M.N.

Collecting properties of Ushakova and Moty rocks in the lower Cambrian of the southern part of the Siberian Platform. Geol. nefti 2 no.4:26-29 Ap '58. (MIRA 11:5)

1. Irkutskiy gosudarstvennyy universitet.
(Siberian Platform--Petroleum geology)
(Siberian Platform--Gas, Natural--Geology)

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(Baikal, Lake—Grayling)

TRESHCHETKIN, N.

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Progressive milkmaid. Kolkh. proizv. 12 no. 9, 1952.

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TRESHCHETKIN, N.

Striving for a plan. Prom.koop. 14 no.7:32 Jl '60.
(MIRA 13:8)

1. Zamestitel' predsedatelia pravleniya artelì "Pamyati Klary TSetkin" po orgmassovoy rabote i kadram, Bol'she-Murashkinskiy rayon, Gor'kovskoy oblasti.
(Gorkiy Province--Socialist competition)

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Conference of workers and employees. Mest.prom.i khud.promys. 3 no.4:15 Ap '62. (MIRA 15:5)

1. Sekretar' partbyuro fabriki mekhovykh izdeliy, B.-Murashkinskiy rayon, Gor'kovskoy oblasti.
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(Socialist competition)

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Stock and Stockbreeding

Communal stockbreeding is a great source of monetary income for collective farms. Sots. zhiv. 14 No. 9, 1952.

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"Determination of Loads on Casting Nets Taking Into Account the Current, Drifts, and Swell." Sub 23 Apr 51, Moscow Technical Inst of the Fish Industry and Economy imeni A. I. Mikoyan

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

TRESHCHEV, A.I., kand.tekhn.nauk

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(Trawls and trawling)

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Method of calculating pound nets. Trudy VNIRO 41:137-147 '59. (MIRA 13:8)

(Fishing nets)

TRESHCHEV, B.A.

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Ultrahigh-speed cinematography in the investigation of surface boiling of fluids. Usp.nauch.fot. 6:213-214 '59. (MIRA 13:6)
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(Engr)

Experimental Investigation of the Mechanism of the Heat Exchange during surface Boiling.

report presented at sci, and tech. session on Heat Exchange during Change of Aggregate State of Matter (by Comm. on High Steam Conditions, Power Inst. AS USSR, and Inst. Thermal Engineering, AS UkrSSR), Kiev, 23-28 Sep 57.

All-Union Thermo-Technical Inst.

TRESHCHEV, I. I.

USSR/Electricity - Electric Drive

Jan 53

"Problem of the General Theory of the Electrical Shaft", Engr I. I. Treshchev, Leningrad

"Elektrichestvo", No 1, pp 38-41

Proposes new method for investigating electrical shaft systems [groups of 3-phase induction motors whose wound rotors are connected by "synchronous tie"] in general case with relatively high accuracy. Method is suitable for system consisting of either identical or different motors, especially low-power machines. Proposes expression for currents and torques and equivalent circuit for any motor in such system taking into account effect of system on its operation. Submitted 26 May 52.

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The problem of the general theory of the electric shaft. Elektrichestvo '53, No.1, 38-41. (MLRA 6:2)
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TRESHCHEV, I.I. (Leningrad)

Methods for studying nonsymmetric modes of operation of a.c. machines. Izv. AN SSSR. Energ. i transp. no.1:16-21 Ja-F '64. (MIRA 17:4)

1. TREBCHNEV, I. T., Eng.

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9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

TRESHCHEVA, A.M., ekonomist

Economic effectiveness of sprinkler irrigation of vegetables in Moscow Province. Trudy VNIIGiM 35:50-55 '60. (MIRA 14:9)
(Moscow Province—Vegetables—Irrigation)

TRESHCHEVA, E. G.

"Isomerisation of polymethlenic hydrocarbons in presence of aluminium chloride. XVI. Isomerisation of 1, 1-dimethly cyclopentane." by M. B. Turova-Polyak, V. A. Adamova, and E. G. Treshcheva, (p.250)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1951, Volume 21, No. 2

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Hydrocarbons.

Isomerization of polymethylene hydrocarbons under effects of aluminum chloride. Vest. Mosk. un. 5 no. 6, 1950.

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TUROVA-POLYAK, M. B., ADAMOVA, V. A., TRESHCHEVA, E. G.

Isomerism.

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Hydrocarbons

Isomerization of polymethylene hydrocarbons under effects of aluminum chloride. Vest. Mosk. un. 5 No. 6, 1950.

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Isomerism

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TRESHCHEVA, E. G.
M. B. TUROVA-POLIAK, ZhOKh, 21, 250-5, 1951

TRESHCHEVA, V.A., kandidat tekhnicheskikh nauk.

Short survey of some foreign stereophotogrammetric instruments. Geod. i kart. no.1:69-78 Ja '56. (MLRA 9:10)
(Surveying--Instruments)

TRESHCHEVA, V.I.

TRESHCHEVA, V. I. I IVANOV, V. D.

29179 Primenenie vodnykh ekstraktov efedry dlya konservirovaniya setematerialov. Ryb. Khoz-vo, 1949, No. 9, s. 17-18.

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskov, 1949

L 44065-66 EWT(m)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HW/DJ/JH

ACC NR: AP6030590 (A, N) SOURCE CODE: UR/0413/66/000/016/0073/0074

INVENTOR: Malenok, F. T.; Voronov, I. A.; Chernyak, S. N.; Levitskiy, V. Kh; Bekhelev, V. P.; Astaf'yev, A. D.; Tsererina, L. A.; Neyman, Z. Ya.; Treshchevskaya, R. A.

ORG: none

TITLE: Lubricant for high-speed rolling of aluminum foil. Class 23, No. 184998

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 73-74

TOPIC TAGS: aluminum foil, aluminum foil rolling, high speed rolling, rolling lubricant, METAL ROLLING, HYDROCARBON LUBRICANT

ABSTRACT: This Author Certificate introduces a petroleum product-base lubricant containing up to 1.0% oleic acid for high-speed rolling of aluminum foil. To obtain high-quality surface finish of the foil without washing it before annealing, DC diesel fuel oil (GOST 4749-49) is used as the lubricant base. [MS]

SUB CODE: 13/ SUBM DATE: 28Apr65/ ATD PRESS: 5076

UDC: 621.892.2

Card 1/1

TRESHCHEVSKIY, Igor' Vladimirovich; BURDAYEV, Mikhail Ivanovich

[Control of soil erosion] Bor'ba s eroziei pochvy. [Voronezh] Voronezhskoe kn-vo, 1956. 48 p. (MLRA 10:2)

(Erosion)

TRESHCHEVSKIY, I.V.

Influence of farm crops on microclimate. Meteor. i gidrol. no.1: 40-42 Ja '56. (Crops and climate) (MIRA 9:6)

SHIRANOVICH, P.I.; TRESHCHILIN, P.F.

Method for the study of fleas in the epizootological investigation of sandy districts. Sbor. nauch. rab. Elist. protivochum. sta. no. 1:183-186 '59. (MIRA 13:10)

(FLEAS)

KARPUKHIN, P.P.; TRESHCHILOVA, A.F.

Preparation of 1-acetoxy-1,1-dicyanoethane. Zhur. prikl. khim. 36 no.11:2533-2538 N '63. (MIRA 17:1)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina.

TRESHCHINA, N.I.

Studying petroleum gases of Carboniferous, Permian, and Devonian deposits in some regions of the Volga-Ural petroliferous province. Trudy VNIGRI no.123:116-134 '58. (MIRA 11:12)
(Volga Valley--Gas, Natural--Geology)
(Ural Mountain region--Gas, Natural--Geology)

Treshchina, N. I.

11(0) PHASE I BOOK EXPLOITATION SOV/1960

Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut

Geokhimicheskiy sbornik, no. 5 (Collected Papers on Geochemistry. Nr 5) Leningrad, Gostoptekhizdat, 1958. (Series: Its: Trudy, vyp. 123) 1,000 copies printed.

Ed.: Pavel Fedorovich Andreyev; Exec. Ed.: L. Ya. Rusakova; Tech. Ed.: I. M. Gennad'yeva.

PURPOSE: The book is intended for the technical and scientific personnel of institutes and TsNIL (Central Scientific Research Laboratories) of the petroleum industry, and all those interested in the geology and geochemistry of petroleum.

COVERAGE: The book is the fifth issue of the Geokhimicheskiy sbornik (Collected Papers on Geochemistry) and contains articles contributed by VNIGRI staff members (All-Union Scientific Research Institute for Geological Survey) on various aspects of geochemistry. The work is divided into two parts, the first of which consists of 12 articles dealing with the development of theoretical problems in petroleum chemistry. The second part reviews problems connected with the study of organic and mineral crudes. In Part I, A. F. Dobryanskiy posits the low temperature origin of petroleum and rejects the popular claim concerning high temperature origin. The joint work of A. F. Dobryanskiy, P. F. Andreyev, and A. I. Bogomolov directs attention to the uniform phenomena in the composition of crudes that result from spontaneous changes in their substances through geological periods and which occur in full conformance with the basic laws of nature. The article supplements the basic principles developed by A. F. Dobryanskiy ten years ago in his well-known work, "Geokhimiya nefti" (Geochemistry of Petroleum). P. A. Demenkova, I. M. Zakharenkova, and A. F. Kurbatskaya report on the correlation of some microcomponents in the composition of crudes. Their extensive research combined with existing information permits them to draw interesting basic conclusions bearing directly on the origin of crude. Part II contains articles on new chemical, physical, and geochemical studies conducted at VNIGRI in recent years. Among these A. I. Bogomolov and K. I. Panina report on the particular characteristics of the aromatic hydrocarbon structure, which may prove useful for future research and exploration and in solving many genetic problems. I. K. Voronova describes a new method of counting the total number of live bacteria. It may be applied in various microbiological studies. References accompany each article.

Collected Papers (Cont.) SOV/1960

Card 5/7

TRESHCHINA, N. I.

Study of petroleum gases in the Terek-Daghestan region. Trudy VNIGRI no.83:413-453 '55. (MLRA 8:10)
(Terek Range--Gas, Natural) (Daghestan--Gas, Natural)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756520015-9"

TRESHCHILA, N.I.

TRESHCHILA, N.I. --"The Geochemical Characteristics of Natural Gases from the Petroleum and Gas Deposits of the Terskey-Dagestan Petroleum Region." Published by the State Scientific and Technical Publsihing House for Literature on Petroleum and Mined Fuels, Leningrad Branch. All-Union Petroleum Sci Res Geological Prospecting Inst. (VNIGRI). Leningrad, 1956.
(Dissertation for the Degree of Candidate in Chemical Sciences.)

SO: Knizhnaya Letopis', No 9, 1956

TRESHCHINA, N.I.

Solubility of certain components of natural gases in oils. Trudy VNIGRI no.83:566-571 '55. (MIRA 8:10)
(Gas, Natural) (Petroleum)

TRESHNIKOV, A.F., doktor geograf. nauk, Geroy Sotialisticheskogo Truda

Moscow-Antarctica-Moscow flight. Meteor. i gidrol. no.6: 37-41 Je '64 (MIRA 17:8)

1. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut.